

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML48390	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT OR CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: ConocoPhillips Company				9. WELL NAME and NUMBER: Utah 33-601	
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710				10. FIELD AND POOL, OR WILDCAT: Buzzard Bench Drunkards Wash	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1905.25 FSL & 775.43 FEL (NESE) 33-16S-8E AT PROPOSED PRODUCING ZONE: _____				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 33 16S 8E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 4.5 miles northwest of Huntington				12. COUNTY: Emery	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 775.43'		16. NUMBER OF ACRES IN LEASE: 759.53 acres		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) ~2000		19. PROPOSED DEPTH: 3,970		20. BOND DESCRIPTION: Statewide	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6700 GL		22. APPROXIMATE DATE WORK WILL START: 7/15/2009		23. ESTIMATED DURATION: 30 days	

24. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
20	13 3/8	40.5	H40	40	Readymix-conductor
12 1/4	9 5/8	36	J55	450	255 sxs G+ 2% CaCl 1/4pps D130 15.8ppg/1.17 ft3/sx
8 1/2	5 1/2	17	M80	3,970	100 sxs Litecrete+.2% D013+D46 9.6ppg/2.36 ft3/sx
					DVTool@3220, 2nd Stage-425 sxsLitecrete .2%D013+
					.2%D046 9.6ppg/2.36 cuft/sxs

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Donna Williams TITLE Sr. Regulatory Specialist

SIGNATURE  DATE 7/17/2009

(This space for State use only)

API NUMBER ASSIGNED: 43-015-30764

APPROVAL:

RECEIVED

JUL 17 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

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20"	13 3/8	40.5	H40	40	Readymix-Conductor	
12 1/4	9 5/8	36	J55	450	255 sxs G + 2% CaCl	1/4pps D130 15.8ppg/1.17 ft/sx
8 1/2	5 1/2	17	M80	3,970	100 sxs Litecrete + .2% DV tool@4135, 2nd	D013+D46 9.6ppg/2.36 ft/sx
					.2%D046	9.6ppg/2.36 cuft/sx

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Donna Williams TITLE Sr. Regulatory Specialist

SIGNATURE [Signature] DATE 6/15/2009

(This space for State use only)

API NUMBER ASSIGNED: 43-015-30764

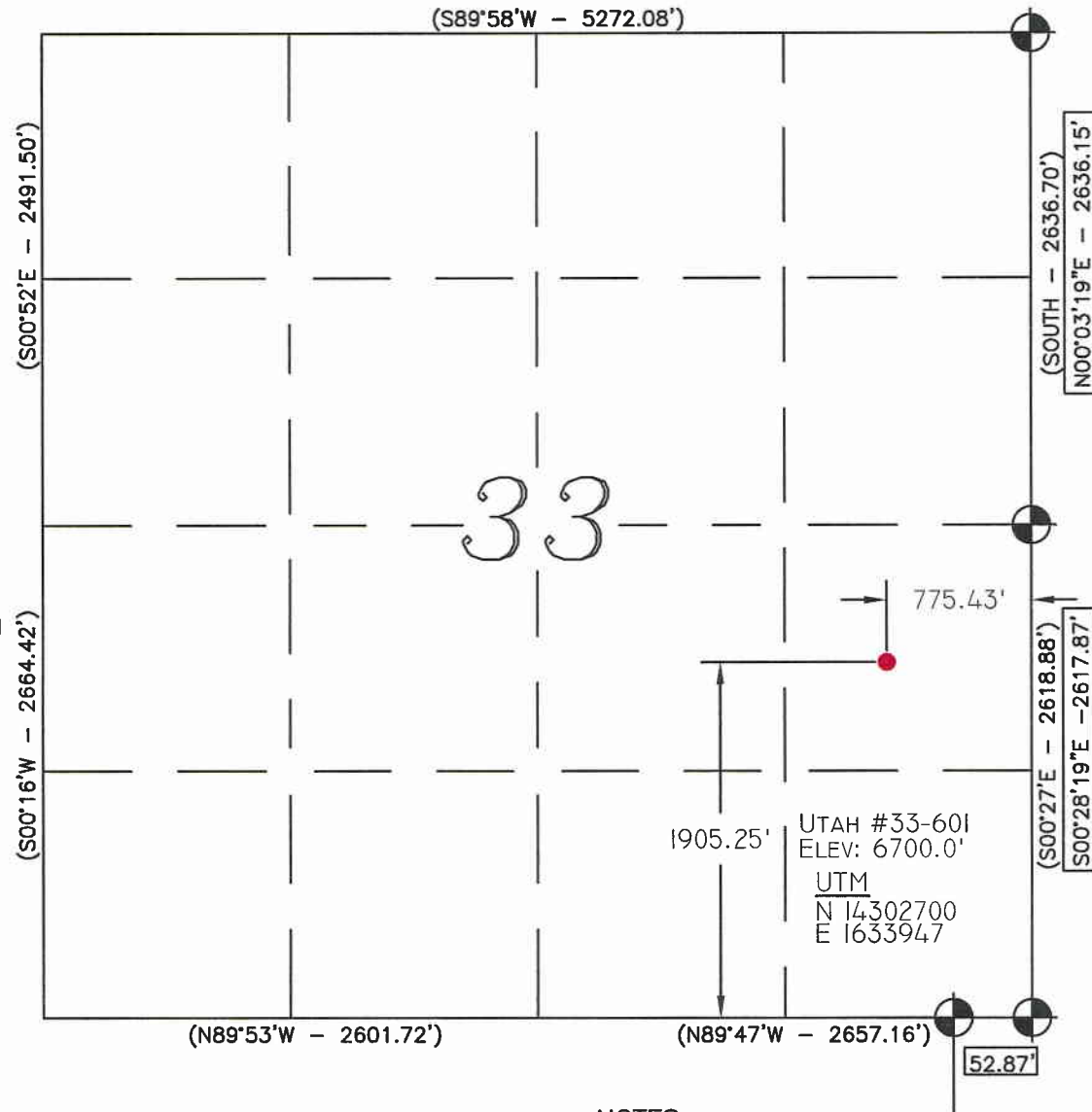
APPROVAL:

RECEIVED
JUN 17 2009

DIV. OF OIL, GAS & MINING

Township 16 South

Range 8 East



Legend

- Drill Hole Location
- ⊙ Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Rock Pile
- () GLO
- GPS Measured

NOTES:

1. Dimensions are GPS measured unless noted otherwise.
2. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder and are shown in NAD 27 Datum.

LAT / LONG
39°23'11.504"N
111°01'22.475"W

Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

Basis of Bearing:

The Basis of Bearing is GPS Measured.

GLO Bearing:

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

Basis of Elevation:

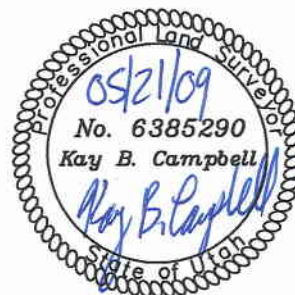
Basis of Elevation of 6824' being at the Northeast Section Corner of Section 34, Township 16 South, Range 8 East, Salt Lake Base and Meridian, as shown on the Poison Spring Bench Quadrangle 7.5 minute series map.

Description of Location:

Proposed Drill Hole located in the NE/4, SE/4 of Section 33, T16S, R8E, S.L.B.&M., being 1905.25' North and 775.43' West from the Southeast Section Corner of Section 33, T16S, R8E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, Kay B. Campbell, a Professional Land Surveyor, holding Certificate 6385290 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



GRAPHIC SCALE

0 500' 1000'
(IN FEET)
1 inch = 1000 ft.

Revision: 5/21/09
Revision: 4/16/09



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230
Huntington, Utah 84528
Phone (435)687-5310 Fax (435)687-5311
E-Mail talon • etv.net



ConocoPhillips Company
Utah #33-601
Section 33, T16S, R8E, S.L.B.&M.
Emery County, Utah

Drawn By: N. BUTKOVICH	Checked By: L.W.J./K.B.C.
Drawing No. A-1	Date: 3/25/09
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 4154

EXHIBIT "D"
DRILLING PROGRAM

Attached to Form 3
ConocoPhillips Company
Utah 33-601
1905 FSL & 775 FEL
NESE of Section 33-16S-8E
Emery County, Utah

1. The Surface Geologic Formation

Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate Shale Top 3276 TVD

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 3418 TVD to 3570 TVD

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

All indications of usable water will be reported.

Surface casing will be tested to 500 psi and Production casing tested to 1500 psi with a minimum of 1 psi/ft of the last casing string depth

4. The Proposed Casing and Cementing Programs

Hole Size	Casing Size	Wt/Ft	Grade	Joint	Depth set
20	13 3/8	40.5	H-40	ST&C	0-40
12 1/4	9 5/8	36	J55	ST&C	0-450
8 1/2	5 1/2"	17	M80	LT&C	0-3970

Cementing Program

The 9 5/8" surface casing will be set with approximately 255 sacks Class G cement with 2% CaCl₂ + ¼ pps D130 mixed at 15.8 ppg (yield =1.17 ft³/sx). The cement will be circulated back to surface with volume based on nominal hole size + 100% excess. In the event cement is not circulated to surface, a 1" top out job will be performed with 100 sxs Class G cement containing 2% CaCl₂ + ¼ pps D130 mixed at 15.8 ppg (yield=1.17 ft³/sx)

The 5 ½" production casing will be set and cemented using a two stage cementing process incorporating an external casing / annulus packer and stage cementing tool. Placement of the packer / stage tool will be at approximately 3220' MD.

1st Stage Cement Program: 100 sxs of LiteCrete cmt mixed at 9.6 ppg (yield=2.36 ft³/sx) containing .2% D013 + .2% D046 + .5% D-65 + .2% D167 + 2.0% D053 + 46 pps D124. Volume calculations based on nominal hole + 35% excess.

2nd Stage Cement Program: 425 sxs of LiteCrete cmt mixed at 9.6 ppg (yield=2.36 ft³/sx) containing .2% D013 + .2% D046 + .5% D065 + .2% D167 + 2.0% D053 + 46 pps D124. Volume calculations based on nominal hole + 35% excess.

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the minimum blowout preventer equipment requirements. An 11"x3M psi single ram (blinds) and annular BOPE will be used with a rotating head. This equipment will be tested to required pressures. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Fluids / Muds

0-450'	12-1/4" hole	Drill with air, will mud-up if necessary.
450'-TD	8-1/2" hole	Drill with air, will mud-up if necessary. 400 psi @ 1400-1600 cfm

7. The Testing, Logging and Coring Programs are as followed

450'-TD	Open hole logs consisting of a Triple Combo evaluation will be run from TD to base of surface casing. GR log will be run from TD to surface.
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Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is about 1256 psi max., however due to offset production pressures may be much lower. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around August 1, 2009

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

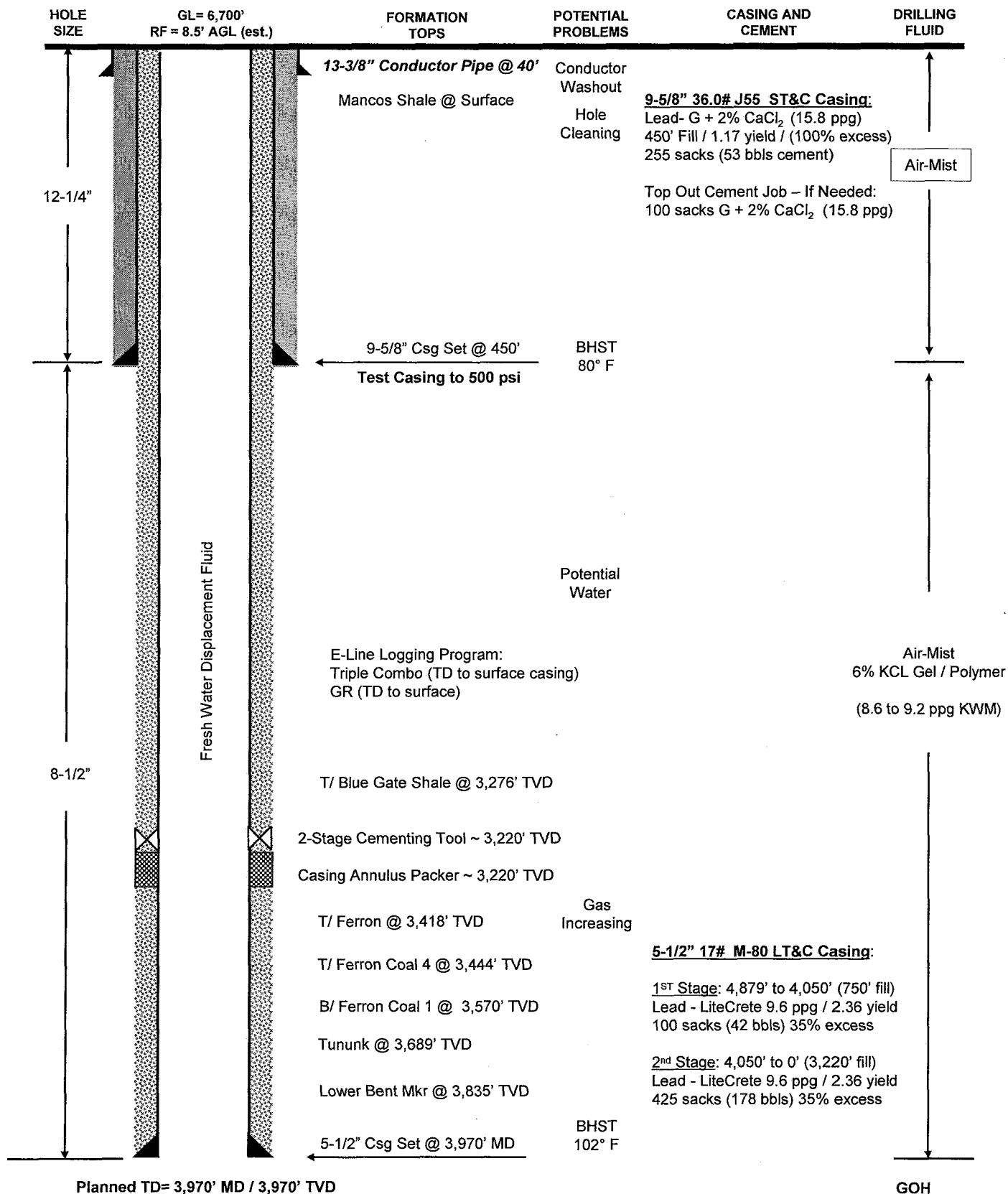
Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

WELLBORE SCHEMATIC & DRILLING PROGNOSIS

ConocoPhillips

Well Name : Utah 33- 601
 Surf. Location : 1,905' FSL & 775' FEL of Sec. 33-16S-8E
 BH Location : Same (planned vertical well)
 County : Emery
 State : Utah

API # :
 Lease # :
 Field / Area : Drunkard's Wash
 Permit TD :
 Targets : Ferron / Ferron Coal



GOH
 05/21/2009

PROPOSED BOPE Minimum Requirements: 11" x 3M psi system

ConocoPhillips

Utah 33-601 / Section 33-16S-8E Emery County, Utah

Rotating Head

Annular Preventer 11"x 3,000 psi

Mud Cross 11" x 3,000 psi (with 2" choke & kill valves / lines - minimum)

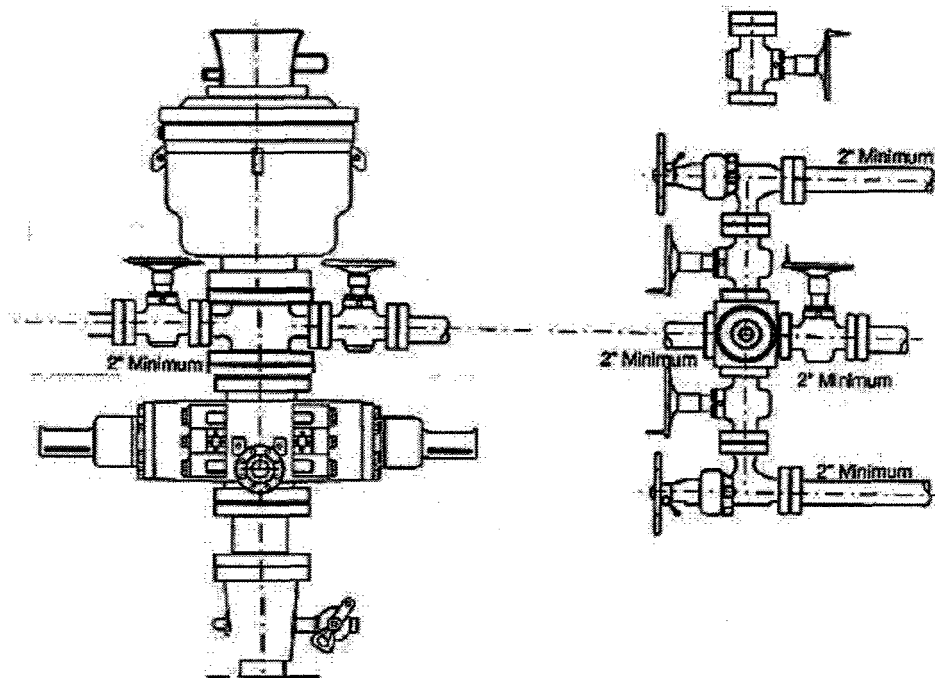
Single Ram 11" x 3,000 psi (blinds)

Spacer Spool 11" x 3,000 psi

Choke Manifold 3,000 psi (with 2 adjustable chokes / 2" minimum)

Accumulator System 3,000 psi

3000 psi System



Appendix G

SURFACE USE PLAN

Attached to Form 3
ConocoPhillips Company
Utah 33-601
1905.25 FSL & 775.43 FEL
NESE of 33-16S-8E
Emery County, Utah

1. Existing Roads

- a. We do not plan to change, alter or improve upon any existing state or county roads.
- b. Existing roads will be maintained in the same or better condition. See Exhibit "B".

2. Planned Access

Approximately ~700' of new access is required. (Refer to Drawing L-1)

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 7%
- c. Turnouts: None
- d. Drainage design: 3 culverts may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and power lines will follow the proposed access road.

3. Location of Existing Wells

- a. Refer to Drawing L-1.

4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

5. Location and Type of Water Supply

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

7. Methods for handling waste disposal

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- c. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

8. Ancillary Facilities

- a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Drawing A-2 and L-1.
- d. Natural runoff will be diverted around the well pad.

10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

11. Surface Ownership:

- a. The wellsite and access road will be constructed on lands owned by The School and Institutional Trust Lands Administration. The operator shall contact the landowner representative and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities

12. Other Information:

- a. The primary surface use is farming and grazing. The nearest dwelling is approximately 4.5 miles southeast.
- b. Nearest live water is the Fish Creek located approximately 1 mile south/southwest
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. Company Representative

Jean Semborski
Construction/Asset Integrity Supervisor
ConocoPhillips Company
P.O. Box 851
6825 South 5300 West
Price, Utah 84501
(435) 613-9777
(435) 820-9807

Mail Approved A.P.D. To:

Donna Williams
Sr. Regulatory Analyst
ConocoPhillips Company
P.O. Box 51810
Midland, Texas 79710

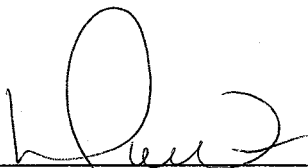
Excavation Contractor

Larry Jensen, Vice President
Nelco Contractors Inc.
(435) 637-3495
(435) 636-5268

14. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by ConocoPhillips Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

6/15/09
Date



Donna Williams
Sr. Regulatory Analyst
ConocoPhillips Company

Bond No. 6196922

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 4A

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we (operator name) CONOCOPHILLIPS COMPANY as Principal,
and

(surety name) SAFECO INSURANCE COMPANY OF AMERICA as Surety, duly authorized
and qualified to do business in the State of Utah, are held and firmly bound unto the State of Utah in the sum of:

EIGHTY THOUSAND AND NO/100***** dollars (\$ 80,000.00)
lawful money of the United States, payable to the Director of the Division of Oil, Gas and Mining, as agent of the State of Utah, for the use and
benefit of the State of Utah for the faithful payment of which we bind ourselves, our heirs, executors, administrators and successors, jointly and
severally by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS the Principal is or will be engaged in the drilling, redrilling, deepening,
repairing, operating, and plugging and abandonment of a well or wells and restoring the well site or sites in the State of Utah for the purposes of
oil or gas production and/or the injection and disposal of fluids in connection therewith for the following described land or well:

☒ Blanket Bond: To cover all wells drilled in the State of Utah

☐ Individual Bond: Well No: _____
Section: _____ Township: _____ Range: _____
County: _____, Utah

NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders and
requirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging and abandonment of wells
and well site restoration, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

IN TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized
officers and its corporate or notary seal to be affixed this

30th day of Dec, 20 02.

(Corporate or Notary Seal here)

Attestee: [Signature] Date: 12-30-02

By _____
Principal (company name)
Name (print) _____ Title _____
Signature _____
Manager

IN TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal
to be affixed this

1ST day of JANUARY, 20 03.

(Corporate or Notary Seal here)

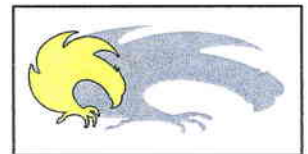
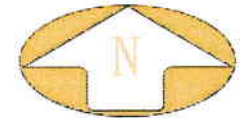
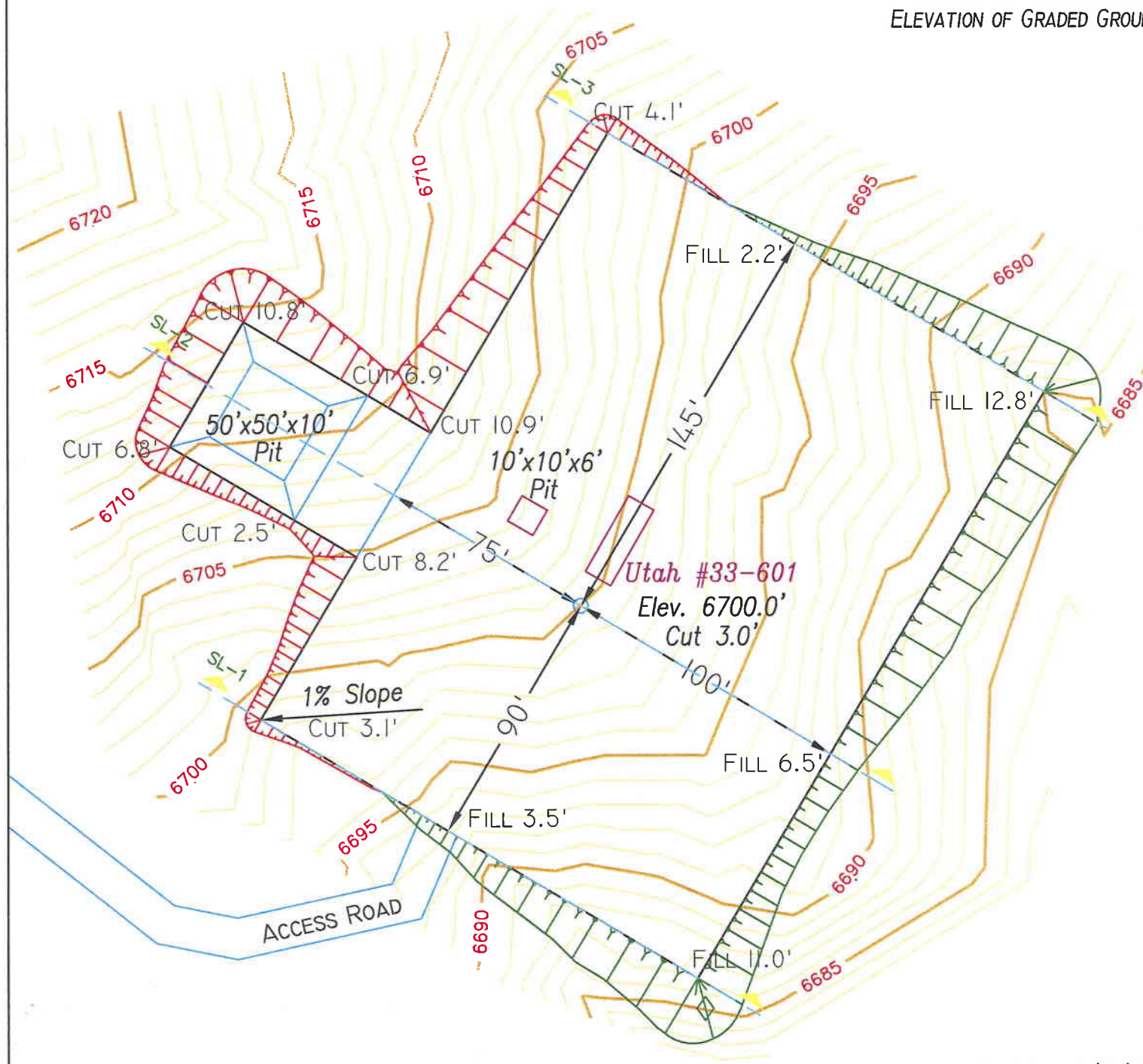
Carolyn E. Wheeler
Attestee: _____ Date: 12/20/2002

By _____
Surety Company (Attach Power of Attorney)
Name (print) _____ Title _____
Signature _____

Surety Mailing Address
City _____ State _____ Zip _____

CAROLYN E. WHEELER
NOTARY PUBLIC
MY COMMISSION EXPIRES: NOVEMBER 1, 2006
(5/2002)

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 6700.0'
 ELEVATION OF GRADED GROUND AT LOCATION STAKE = 6697.0'



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230
 Huntington, Utah 84528

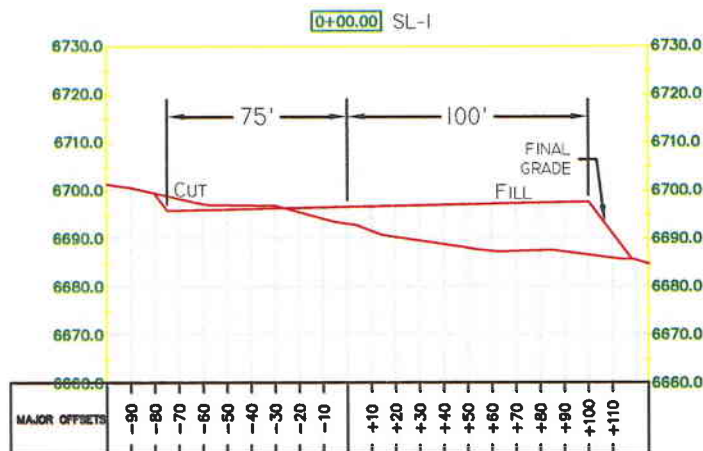
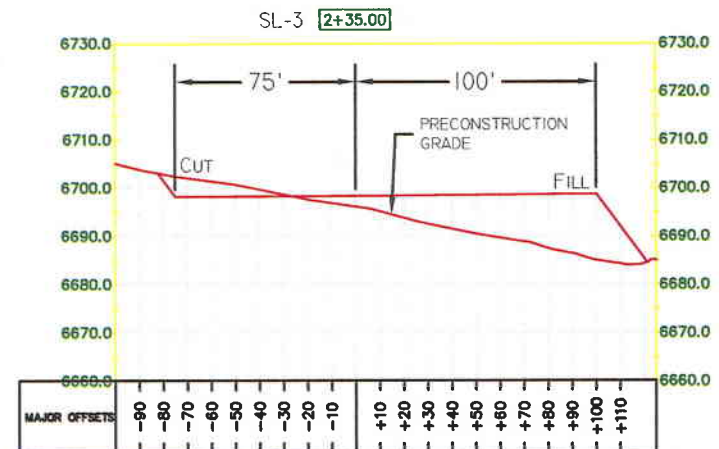
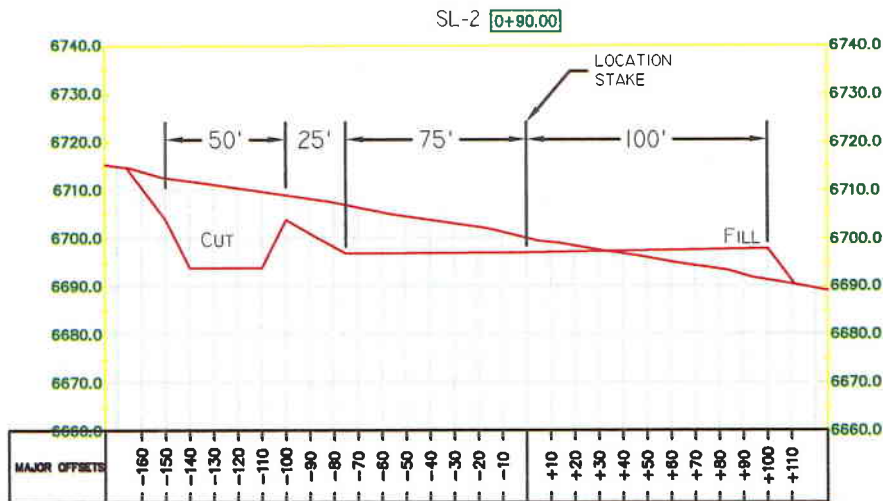
Phone (435)687-5310 Fax (435)687-5311
 E-Mail talon • etv.net



ConocoPhillips Company
Utah #33-601
Section 33, T16S, R8E, S.L.B.&M.
Emery County, Utah

Drawn By: N. BUTKOVICH	Checked By: L.W.J.
Drawing No. A-2	Date: 3/25/09
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 4154

Revision: 5/21/09
 Revision: 4/16/09



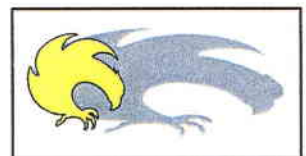
1"=10'
X-Section
Scale
1"=20'

SLOPE = 1 1/2 : 1
(EXCEPT PIT)
PIT SLOPE = 1 : 1

APPROXIMATE YARDAGES

(6") TOPSOIL STRIPPING = 2,405 CU. YDS.
TOTAL CUT (INCLUDING PIT) = 10,610 CU. YDS.
TOTAL FILL = 10,535 CU. YDS.

Revision: 5/21/09
Revision: 4/16/09



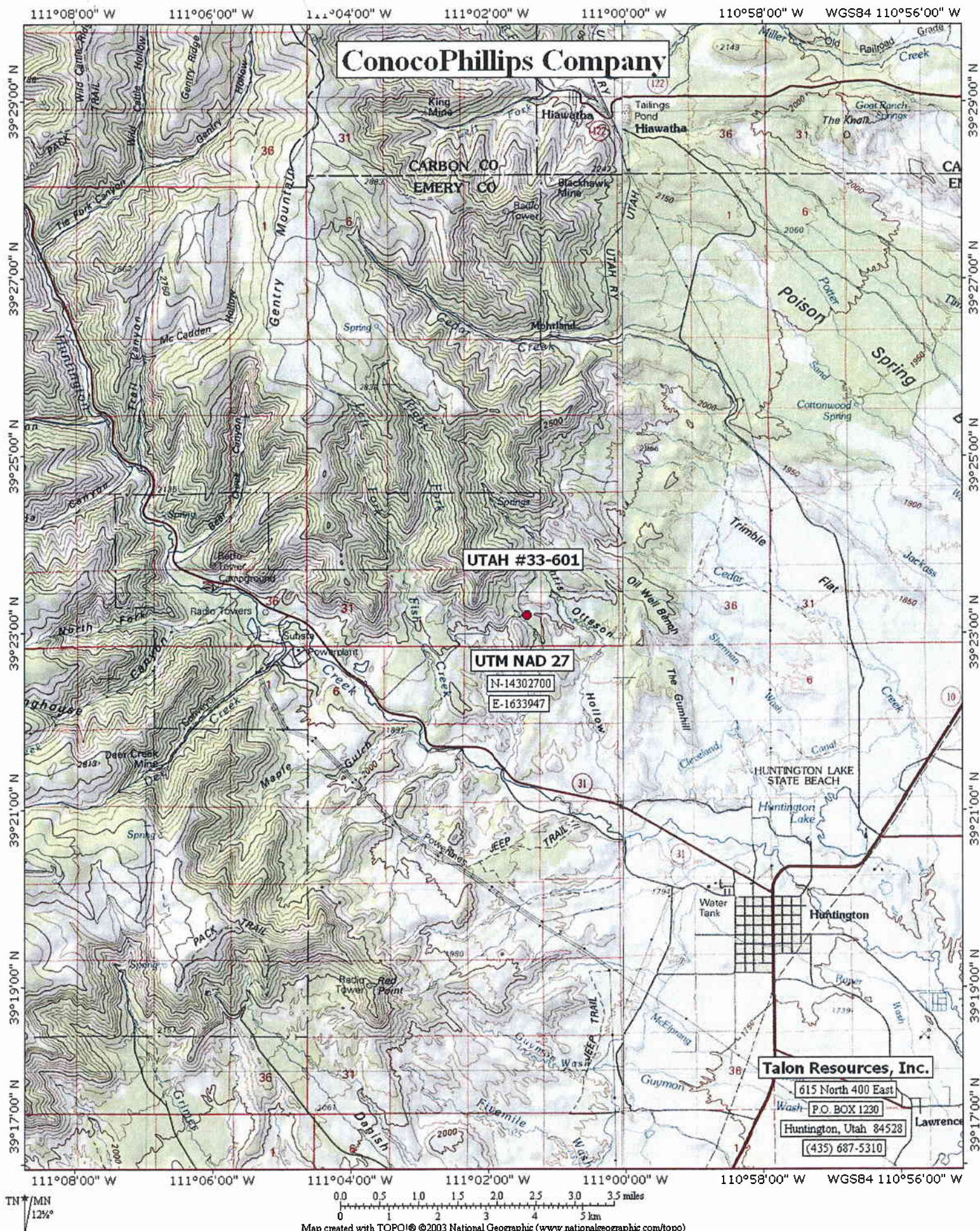
TALON RESOURCES, INC.

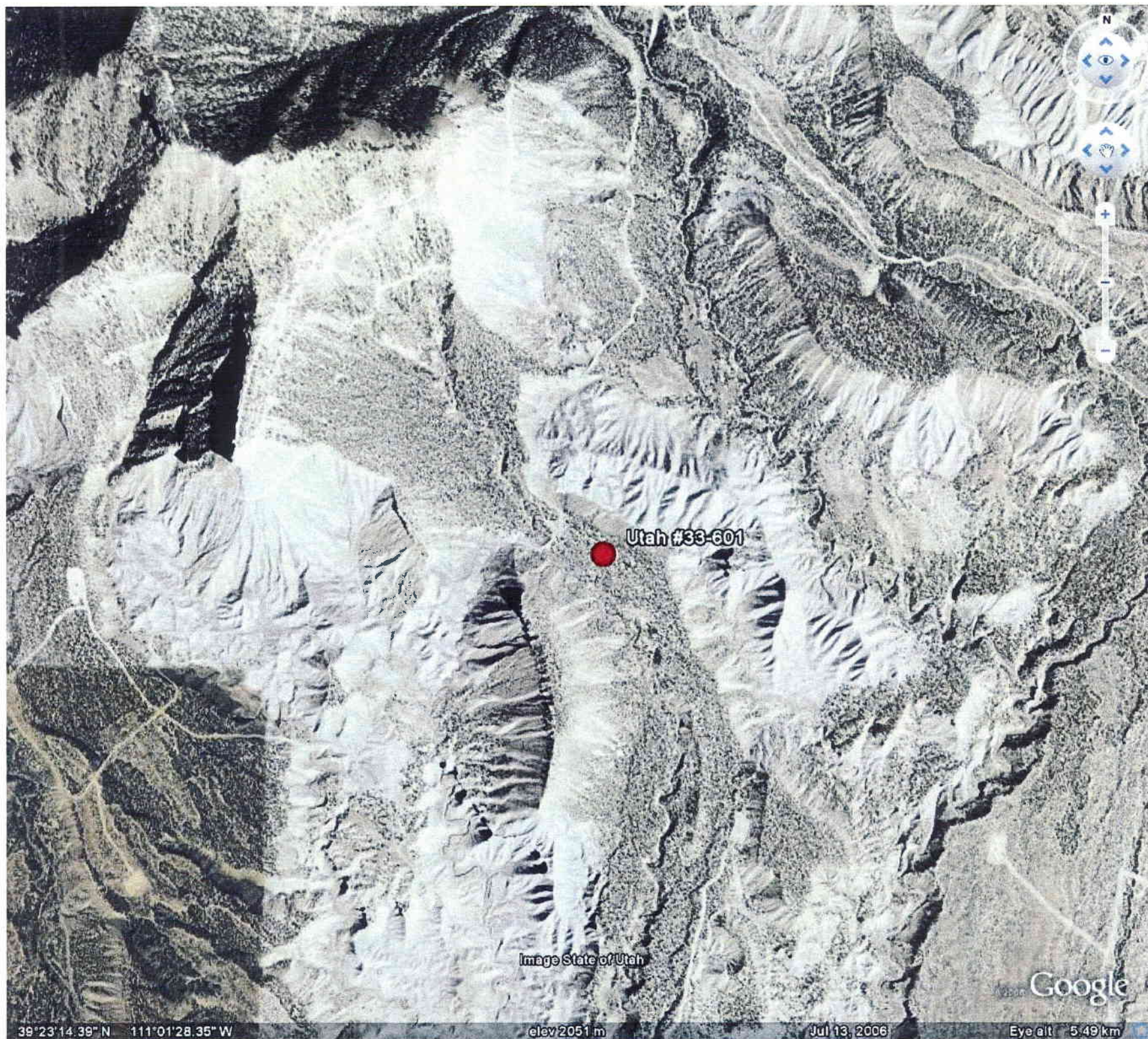
615 North 400 East P.O. Box 1230
Huntington, Utah 84528
Phone (435)687-5310 Fax (435)687-5311
E-Mail talon@etv.net



ConocoPhillips Company
Utah #33-601
Section 33, T16S, R8E, S.L.B.&M.
Emery County, Utah

Drawn By: N. BUTKOVICH	Checked By: L.W.J.
Drawing No. C-1	Date: 3/25/09
	Scale: 1" = 80'
Sheet 3 of 4	Job No. 4154





Utah #33-601

Image State of Utah

Google

39°23'14.39" N 111°01'28.35" W

elev 2051 m

Jul 13, 2006

Eye alt 5.49 km



Utah #33-601



Image State of Utah
Image © 2009 DigitalGlobe

Google

39°23'24.24"N 111°01'28.32"W

elev 2060 m

Jul 13, 2006

Eye alt 2.99 km



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/17/2009

API NO. ASSIGNED: 43-015-30764

WELL NAME: UTAH 33-601

OPERATOR: CONOCOPHILLIPS COMPANY (N2335)

CONTACT: DONNA WILLIAMS

PHONE NUMBER: 432-688-6943

PROPOSED LOCATION:

NESE 33 160S 080E

SURFACE: 1905 FSL 0775 FEL

BOTTOM: 1905 FSL 0775 FEL

COUNTY: EMERY

LATITUDE: 39.38647 LONGITUDE: -111.02290

UTM SURF EASTINGS: 498028 NORTHINGS: 4359456

FIELD NAME: DRUNKARDS WASH (48)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	<i>JKW</i>	7/28/09
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML48390

SURFACE OWNER: 3 - State

PROPOSED FORMATION: FRSD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

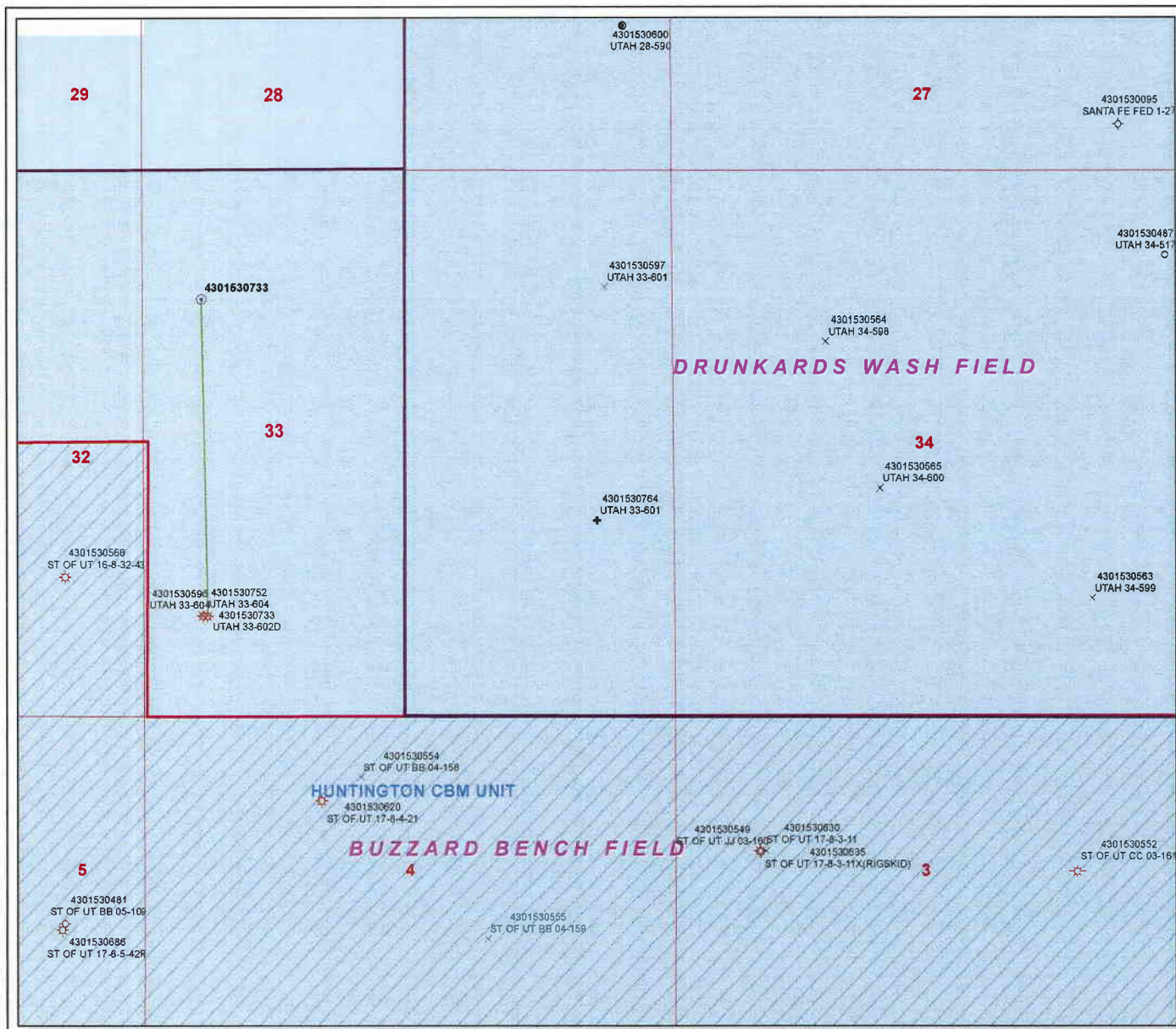
☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 6196922)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
N/A Fee Surf Agreement (Y/N)
N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.
Unit: _____
____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 243-8
Eff Date: 4-30-2002
Siting: 460' fr unit boundary & uncomm. tract
____ R649-3-11. Directional Drill

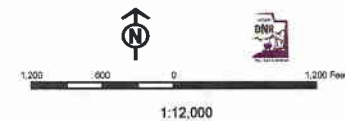
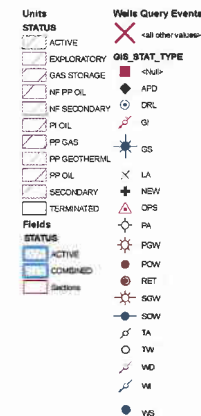
COMMENTS: Needs Permit (06-23-09)

STIPULATIONS: 1- STATEMENT OF BASIS



API Number: 4301530764
Well Name: UTAH 33-601
Township 16.0 S Range 08.0 E Section 33
Meridian: SLBM
Operator: CONOCOPHILLIPS COMPANY

Map Prepared:
 Map Produced by Diana Mason



Application for Permit to Drill

Statement of Basis

7/15/2009

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
1704	43-015-30764-00-00		GW	S	No
Operator	CONOCOPHILLIPS COMPANY		Surface Owner-APD		
Well Name	UTAH 33-601		Unit		
Field	DRUNKARDS WASH		Type of Work		
Location	NESE 33 16S 8E S 1905 FSL 775 FEL GPS Coord (UTM) 498028E 4359456N				

Geologic Statement of Basis

This location is situated on a soil developed on Quaternary/Tertiary Pediment Mantle covering the upper portion of the Blue Gate Member of the Mancos Shale. Local outcrops dip under the Wasatch Plateau at about 6 degrees to the northwest. Although it is unlikely that there is any significant high quality ground water resource to be found in the strata below the location, sandier units of the Emery Sandstone Member of the Mancos Shale are close below the surface and should be protected by extending the surface casing as needed to put these behind casing. The nearest surface waters are in Fish Creek, which is ~1.25 miles to the southwest. The proposed cementing and casing program should be adequate to protect any potential groundwater resource if it is extended to incorporate a significant water resource encountered in sandy units of the Emery Sandstone Member. No underground water rights have been filed within a mile of the location.

Chris Kierst
APD Evaluator

7/14/2009
Date / Time

Surface Statement of Basis

On-site evaluation conducted June 23, 2009. Present: M. Jones (DOGM), R. Perez Jr., Andy Rickard, Bob Strickler, Kelly O'Dell, Gilbert Vasques, Cory Wilcox (COP), Ed Bonner (SITLA). DWR and Emery County were invited but chose not to attend.

DOGM recommends that a 12 mil (minimum) synthetic liner be used to line the reserve pit. DOGM also recommends that a felt subliner be used to bed the pit under the liner if sharp rocks are present upon excavation of the reserve pit.

SITLA stipulated stripping of vegetation separately than the topsoil.

Mark Jones
Onsite Evaluator

6/23/2009
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator CONOCOPHILLIPS COMPANY
Well Name UTAH 16-527
API Number 43-007-31512-0 **APD No** 1703 **Field/Unit** DRUNKARDS WASH
Location: 1/4,1/4 NWNE **Sec** 16 **Tw** 15S **Rng** 8E 279 FNL 1458 FEL
GPS Coord (UTM) 497731 4375020 **Surface Owner**

Participants

M. Jones (DOGM), R. Perez Jr., Andy Rickard, Bob Strickler, Kelly O'Dell, Gilbert Vasques, Cory Wilcox (COP), Ed Bonner (SITLA). DWR and Carbon County were invited but chose not to attend.

Regional/Local Setting & Topography

West of Wattis ~ 1/4 mile. East of Star Point ~ 1 mile. Southwest of Price, Utah ~12 miles. Topography is steep mountainous terrain, located just under the eastern rim of the Wasatch Plateau. Proposed well location is at the western edge of a coal mine reclamation area.

Surface Use Plan

Current Surface Use

Wildlife Habitat
Deer Winter Range
Mining

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.04	Width 240	Length 335	Onsite	

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland Y

ephemeral drainages on North and South side of location.

Flora / Fauna

grasses, sage, mountain mahogany, pine trees

Soil Type and Characteristics

rocky clay loam.

Erosion Issues Y

Rip rap necessary along north side of pad.

Sedimentation Issues N

Site Stability Issues Y

large amounts of cut and fill required to build location. However location should be stable once constructed.

Drainage Diversion Required Y

some drainage diversion necessary on North side of pad, especially at NE corner.

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y

Paleo Potential Observed? N

Cultural Survey Run? Y

Cultural Resources? N

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet) >200

0

Distance to Surface Water (feet) >1000

0

Dist. Nearest Municipal Well (ft) >5280

0

Distance to Other Wells (feet) >1320

0

Native Soil Type High permeability

20

Fluid Type Air/mist

0

Drill Cuttings Normal Rock

0

Annual Precipitation (inches) 10 to 20

5

Affected Populations <10

0

Presence Nearby Utility Conduits Not Present

0

Final Score

25

1

Sensitivity Level

Characteristics / Requirements

Dugout earthen pit (50' x 50' x 10').

Closed Loop Mud Required? N

Liner Required? Y

Liner Thickness 12

Pit Underlayment Required?

Other Observations / Comments

Location may be within a coal mine reclamation area and may need a post mining land use change through the mining side of the Division.

Paleo report 6/17/2009.

Arch report 1/20/2009.

Mark Jones

Evaluator

6/22/2009

Date / Time

utah
gov

Online Services

Agency List

Business

 Search

Utah Division of Water Rights



There are no features in the query area.

Click on the back button to try again

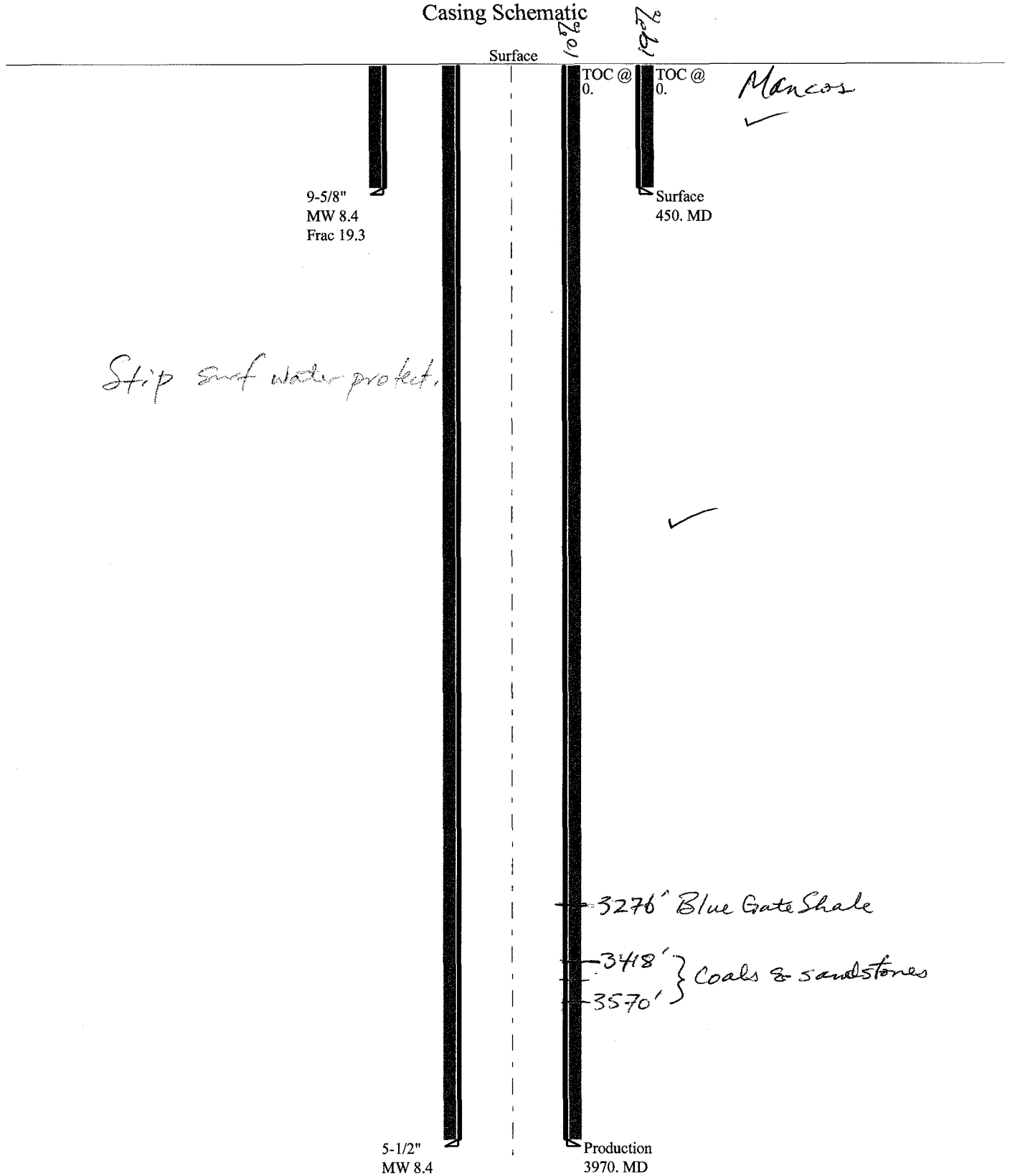
Please direct questions and comments regarding the map server to: leeschler@utah.gov.

[back](#)[close](#)

Utah Division of Water Rights | 1594 West North Temple Suite 220, P.O. Box 146300, Salt Lake City, Utah 84114-6300 | 801-538-7240
[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

43015307640000 ConocoPhillips Utah 33-601

Casing Schematic



Well name:	43015307640000 ConocoPhillips Utah 33-601	
Operator:	ConocoPhillips Company	
String type:	Surface	Project ID: 43-015-30764-0000
Location:	Emery County	

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 71 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 250 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 396 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 450 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 394 ft

Non-directional string.
Re subsequent strings:

Next setting depth: 3,970 ft
Next mud weight: 8.400 ppg
Next setting BHP: 1,732 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 450 ft
Injection pressure: 450 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	450	9.625	36.00	J-55	ST&C	450	450	8.796	195.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	196	2020	10.287	450	3520	7.82	14	394	27.77 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801-538-5357
FAX: 810-359-3940

Date: July 20, 2009
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 450 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43015307640000 ConocoPhillips Utah 33-601	
Operator:	ConocoPhillips Company	Project ID:
String type:	Production	43-015-30764-0000
Location:	Emery County	

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 121 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,256 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,732 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 3,464 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	3970	5.5	17.00	M-80	LT&C	3970	3970	4.767	518.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1732	6290	3.631	1732	7740	4.47	59	320	5.43 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801-538-5357
FAX: 810-359-3940

Date: July 20, 2009
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3970 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW

ConocoPhillips Utah 33-601 API 43-015-30764-0000

INPUT

Well Name

ConocoPhillips Utah 33-601 API 43-015-30764-0000			
String 1	String 2		
9 5/8	5 1/2		
450	3970		
40	450		
8.4	8.4		
0	3000		
3520	7740		
1256	6.1 ppg	CBM	✓

Casing Size (")

Setting Depth (TVD)

Previous Shoe Setting Depth (TVD)

Max Mud Weight (ppg)

BOPE Proposed (psi)

Casing Internal Yield (psi)

Operators Max Anticipated Pressure (psi)

Calculations

String 1 9 5/8 "

Max BHP [psi]	.052*Setting Depth*MW =	197	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	143	NO <i>OK</i> Air drill
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	98	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	106	NO
Required Casing/BOPE Test Pressure		450	psi
*Max Pressure Allowed @ Previous Casing Shoe =		40	psi *Assumes 1psi/ft frac gradient

Calculations

String 2 5 1/2 "

Max BHP [psi]	.052*Setting Depth*MW =	1734	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	1258	YES <i>OK</i>
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	861	YES Air drill w/rotating head
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	960	NO <i>OK</i>
Required Casing/BOPE Test Pressure		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe =		450	psi *Assumes 1psi/ft frac gradient

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML48390	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: ConocoPhillips Company				9. WELL NAME and NUMBER: Utah 33-601	
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710			PHONE NUMBER: (432) 688-6943	10. FIELD AND POOL, OR WILDCAT: Buzzard Bench	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1905.25 FSL & 775.43 FEL (NESE) 33-16S-8E AT PROPOSED PRODUCING ZONE:				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 33 16S 8E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 4.5 miles northwest of Huntington				12. COUNTY: Emery	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 775.43'		16. NUMBER OF ACRES IN LEASE: 759.53 acres		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) ~2000		19. PROPOSED DEPTH: 3,970		20. BOND DESCRIPTION: Statewide	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6700 GL		22. APPROXIMATE DATE WORK WILL START: 7/15/2009		23. ESTIMATED DURATION: 30 days	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
20	13 3/8 40.5 H40	40	Readymix-conductor
12 1/4	9 5/8 36 J55	450	255 sxs G+ 2% CaCl 1/4pps D130 15.8ppg/1.17 ft3/sx
8 1/2	5 1/2 17 M80	3,970	100 sxs Litecrete+.2% D013+D46 9.6ppg/2.36 ft3/sx
			DVTool@3220, 2nd Stage-425 sxsLitecrete .2%D013+
			.2%D046 9.6ppg/2.36 cuft/sxs

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|---|--|
| <input type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input type="checkbox"/> COMPLETE DRILLING PLAN |
| <input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Donna Williams

TITLE Sr. Regulatory Specialist

SIGNATURE 

DATE 7/17/2009

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

APPROVAL:

Date: 08-13-09

By: 

RECEIVED

JUL 20 2009

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

API NUMBER ASSIGNED: 43-015-30764

EXHIBIT "D"
DRILLING PROGRAM

Attached to Form 3
ConocoPhillips Company
Utah 33-601
1905 FSL & 775 FEL
NESE of Section 33-16S-8E
Emery County, Utah

1. The Surface Geologic Formation

Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate Shale Top 3276 TVD

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 3418 TVD to 3570 TVD

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

All indications of usable water will be reported.

Surface casing will be tested to 500 psi and Production casing tested to 1500 psi with a minimum of 1 psi/ft of the last casing string depth

4. The Proposed Casing and Cementing Programs

Hole Size	Casing Size	Wt/Ft	Grade	Joint	Depth set
20	13 3/8	40.5	H-40	ST&C	0-40
12 1/4	9 5/8	36	J55	ST&C	0-450
8 1/2	5 1/2"	17	M80	LT&C	0-3970

Cementing Program

The 9 5/8" surface casing will be set with approximately 255 sacks Class G cement with 2% CaCl₂ + ¼ pps D130 mixed at 15.8 ppg (yield =1.17 ft³/sx). The cement will be circulated back to surface with volume based on nominal hole size + 100% excess. In the event cement is not circulated to surface, a 1" top out job will be performed with 100 sxs Class G cement containing 2% CaCl₂ + ¼ pps D130 mixed at 15.8 ppg (yield=1.17 ft³/sx)

The 5 ½" production casing will be set and cemented using a two stage cementing process incorporating an external casing / annulus packer and stage cementing tool. Placement of the packer / stage tool will be at approximately 3220' MD.

1st Stage Cement Program: 100 sxs of LiteCrete cmt mixed at 9.6 ppg (yield=2.36 ft³/sx) containing .2% D013 + .2% D046 + .5% D-65 + .2% D167 + 2.0% D053 + 46 pps D124. Volume calculations based on nominal hole + 35% excess.

2nd Stage Cement Program: 425 sxs of LiteCrete cmt mixed at 9.6 ppg (yield=2.36 ft³/sx) containing .2% D013 + .2% D046 + .5% D065 + .2% D167 + 2.0% D053 + 46 pps D124. Volume calculations based on nominal hole + 35% excess.

From: Jim Davis
To: Bonner, Ed; Mason, Diana
Date: 8/13/2009 8:35 AM
Subject: Well Approvals (2 for COP)

CC: Donna.J.Williams@conocophillips.com; Garrison, LaVonne
The following wells have been approved by SITLA including arch and paleo clearance.

Utah 16-527 (4300731512) and
Utah 33-601 (4301530764).

Thanks.
-Jim Davis

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 13, 2009

ConocoPhillips Company
P O Box 51810
Midland, TX 79710

Re: Utah 33-601 Well, 1905' FSL, 775' FEL, NE SE, Sec. 33, T. 16 South, R. 8 East,
Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30764.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Emery County Assessor
SITLA



Operator: ConocoPhillips Company
Well Name & Number Utah 33-601
API Number: 43-015-30764
Lease: ML48390

Location: NE SE Sec. 33 T. 16 South R. 8 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Page 2

43-015-30764

August 13, 2009

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																														
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML48390																														
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Approved by the Utah Division of Oil, Gas and Mining Date: August 02, 2010 By:																																
NAME (PLEASE PRINT) Donna Williams		PHONE NUMBER 432 688-6943																														
SIGNATURE N/A		TITLE Sr. Regulatory Specialist																														
		DATE 7/29/2010																														



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43015307640000

API: 43015307640000

Well Name: UTAH 33-601

Location: 1905 FSL 0775 FEL QTR NESE SEC 33 TWNP 160S RNG 080E MER S

Company Permit Issued to: CONOCOPHILLIPS COMPANY

Date Original Permit Issued: 8/13/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Donna Williams

Date: 7/29/2010

Title: Sr. Regulatory Specialist **Representing:** CONOCOPHILLIPS COMPANY

Date: August 02, 2010

By:

RECEIVED July 29, 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
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Approved by the Utah Division of Oil, Gas and Mining Date: 08/10/2011 By:					
NAME (PLEASE PRINT) Donna Williams		PHONE NUMBER 432 688-6943			
SIGNATURE N/A		TITLE Sr. Regulatory Specialist			
		DATE 8/10/2011			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

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Request for Permit Extension Validation Well Number 43015307640000

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Well Name: UTAH 33-601

Location: 1905 FSL 0775 FEL QTR NESE SEC 33 TWNP 160S RNG 080E MER S

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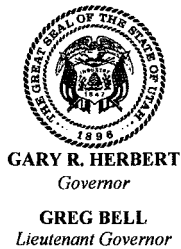
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Signature: Donna Williams

Date: 8/10/2011

Title: Sr. Regulatory Specialist **Representing:** CONOCOPHILLIPS COMPANY

RECEIVED Aug. 10, 2011



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 31, 2012

ConocoPhillips Company
P.O. Box 51810
Midland, TX 79710-1810

Re: APD Rescinded – UTAH 33-601, Sec.33, T. 16S, R. 8E,
Emery County, Utah API No. 43-015-30764

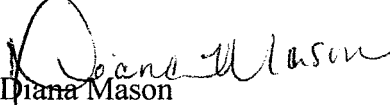
Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on August 13, 2009. On August 2, 2010 and August 10, 2011 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective August 31, 2012.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
SITLA, Ed Bonner

